

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



USDA, NASS, MINNESOTA
FIELD OFFICE

MN Dept. of Agriculture
PO Box 7068, St. Paul, MN 55107
Phone: (651) 296-2230

Released: May 22, 2006

Issue No: CW-20-06

E-mail: nass-mn@nass.usda.gov

Homepage: <http://www.nass.usda.gov/mn>

USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE

TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, FSA, NRCS, DNR

PLANTING PROGRESS REGAINS MOMENTUM

Planting progress regained momentum as corn and soybean plantings neared the five-year average, according to USDA-NASS, Minnesota Field Office. Surplus soil moisture levels dropped last week, allowing producers to make progress, while days suitable for field work increased to 4.2 days. Crops were rated in mostly good to excellent condition, although some reseeding may be needed due to soil crusting or drown-out in low spots.

The average temperature for the week was 55.3°, 2.0° below normal. Statewide topsoil moisture supplies as of Friday, May 19th, were rated 0% very short, 1% short, 79% adequate, and 20% surplus.

As of Sunday, corn planted acreage was 91% complete, 1 percentage point behind last year and the five-year average. Corn was 53% emerged, 19 points ahead of last year and 10 points ahead of the five-year average. Soybean plantings progressed 32 percentage points from last week to 53% complete, 17 points ahead of last year, but 1 point behind the five-year average.

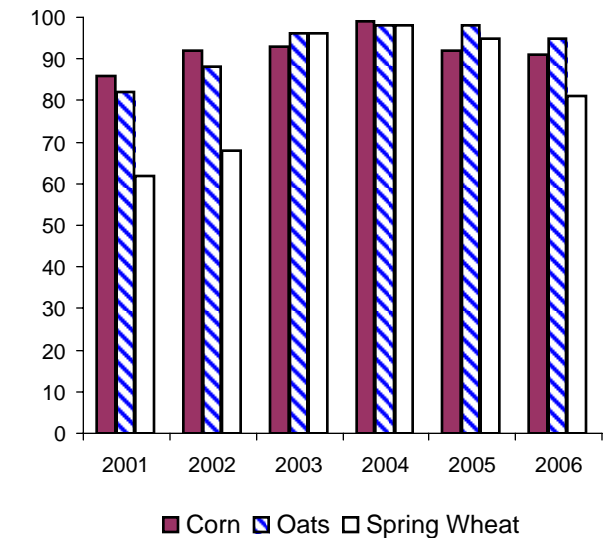
Spring Wheat planting was 81% complete, 14 points behind last year, and 3 points behind the five-year average. Oat acreage emerged was estimated at 82%, 8 percentage points ahead of last year, and 12 points ahead of the five-year average.

Days Suitable for Fieldwork: 4.2				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	0	1	79	20

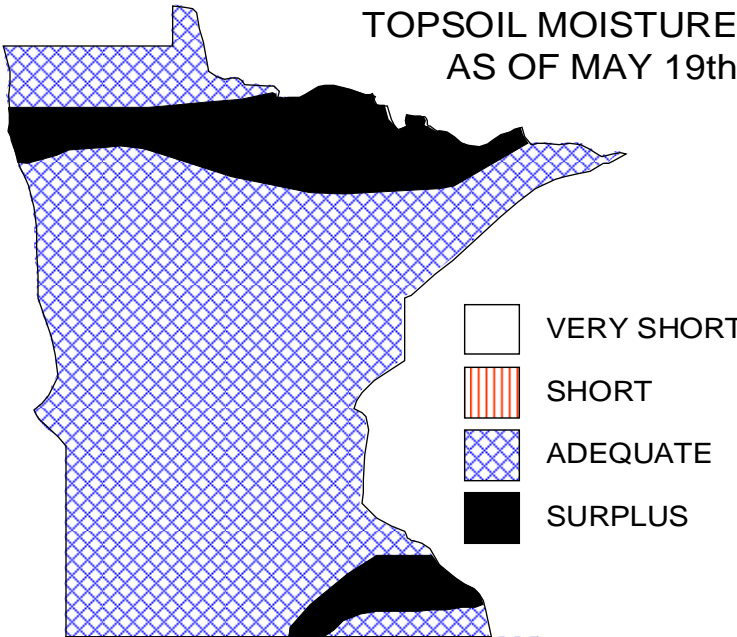
Crop Progress as of May 21, 2006					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		Percent			
Corn	Land Prepared	96	88	99	97
	Planted	91	76	92	92
	Emerged	53	20	34	43
Soybeans	Land Prepared	69	38	91	77
	Planted	53	21	36	54
	Emerged	6	0	5	9
Oats	Planted	95	91	98	92
	Emerged	82	73	74	70
Barley	Jointed	2	NA	0	1
	Planted	75	63	95	82
Spring Wheat	Emerged	59	40	60	52
	Planted	81	73	95	84
Sweet Corn	Emerged	62	45	63	56
	Planted	36	23	36	43
Green Peas	Planted	75	64	68	74
Potatoes	Planted	80	69	87	78
Sugarbeets	Planted	94	67	99	93
Canola	Planted	39	12	60	52
Sunflowers	Planted	21	10	37	31
Dry Beans	Planted	33	12	28	32

Crop Condition as of May 19, 2006 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	1	2	16	58	23
Alfalfa	1	3	15	59	22
Spring Wheat	0	0	9	57	34
Oats	0	1	17	67	15

CORN, OATS, AND SPRING WHEAT PLANTED AS OF MAY 21, 2001-2006



TOPSOIL MOISTURE AS OF MAY 19th



Jacob Carter
Mathematical Statistician

Douglas A. Hartwig
Director

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING May 21, 2006:
Temperatures averaged from 3.2 degrees below normal in the South Central District to 0.3 degree above normal in the Northeast District. Extremes: 8 degrees in Canby, Pipestone; 24 degrees in Hibbing. Precipitation averaged from 0.83 inch below normal in the South Central District to 0.42 inch below normal in the Southwest District. Greatest weekly total was 0.76 inch recorded in Worthington.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 5/15/2006 through 5/21/2006

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	Four Weeks	Since 5/21	Since May 2	Depart from Norm
<u>NW DIST 1</u>										
Crookston	71	35	53.8	-3.6	0	-.56	1.12	.59	127	-47
Moorhead	75	36	55.8	-2.6	0	-.61	-.61	-1.31	151	-33
Warroad	69	34	51.8	-2.2	.31	-.25	-.06	-.34	94	-39
<u>NC DIST 2</u>										
Grand Rapids	73	30	54.7	-.5	.12	-.54	.87	.05	122	-25
Intl. Falls	69	30	51.6	-2.7	.12	-.47	.16	.03	103	-35
Itasca	68	29	51.0	-2.6	.07	-.57	1.80	1.45	102	-26
<u>NE DIST 3</u>										
Duluth	71	32	53.2	.4	.12	-.55	1.71	.91	86	-30
Grand Marais	73	34	51.8	4.1	.26	-.33	1.10	1.15	62	-6
Hibbing	70	24	50.0	-3.7	.01	-.59	-.49	-1.26	100	-30
<u>WC DIST 4</u>										
Alexandria	69	37	54.9	-2.4	.02	-.67	.14	-.44	121	-50
Browns Valley	76	37	56.9	-2.3	0	-.53	1.35	2.59	152	-43
Canby	81	45	58.8	-1.2	.04	-.62	2.39	2.05	160	-42
Fergus Falls	72	39	54.6	-3.2	0	-.62	.83	.51	130	-45
Montevideo	77	41	57.2	-2.0	.10	-.62	.52	.47	149	-42
Morris	71	39	56.4	-2.5	0	-.65	.63	.68	130	-61
<u>CENT DIST 5</u>										
Becker	73	34	55.8	-1.7	.22	-.57	1.97	1.54	145	-29
Collegeville	73	35	56.3	-3.8	.05	-.76	1.66	1.57	153	-53
Hutchinson	73	37	56.7	-3.1	.02	-.68	1.32	1.50	151	-50
Olivia	78	40	57.4	-1.9	0	-.70	.81	1.34	159	-36
St. Cloud	74	32	55.4	-2.1	.03	-.64	1.87	1.40	142	-32
Staples	70	31	53.3	-2.6	.15	-.54	.94	.15	115	-43
Willmar	73	40	57.8	-1.3	.16	-.57	1.23	1.14	149	-43
<u>EC DIST 6</u>										
Aitkin	65	29	52.2	-2.4	0	-.71	1.52	.80	118	-24
Forest Lake	76	35	57.0	-1.6	.52	-.27	.59	1.46	167	-22
MSP Airport	76	41	58.6	-1.6	.07	-.67	.70	2.98	165	-42
St. Paul - UofM	73	39	58.1	-2.8	.16	-.69	1.40	2.16	166	-53
<u>SW DIST 7</u>										
Lamberton	80	43	58.4	-1.5	.64	-.10	1.54	.94	155	-48
Pipestone	81	40	56.8	-1.8	.16	-.60	-.24	-.23	148	-40
Redwood Falls	80	41	58.8	-2.4	.06	-.64	.66	.33	160	-61
Worthington	80	44	58.8	.6	.76	.00	1.59	4.14	154	-26
<u>SC DIST 8</u>										
Faribault	73	25	50.0	-8.3	.05	-.81	.54	-.03	141	-41
Mankato	79	42	57.6	-1.9	0	-.79	.13	.14	159	-40
Waseca	79	43	57.9	-1.4	.05	-.86	.50	1.04	154	-43
Winnebago	80	45	58.5	-1.0	.02	-.88	.07	3.39	167	-33
<u>SE DIST 9</u>										
Preston	76	35	54.7	-2.7	.35	-.53	.29	4.03	137	-33
Red Wing	73	43	57.5	-1.9	.12	-.67	-.44	-.86	149	-47
Rochester	75	40	56.8	-.9	.03	-.77	-.58	1.56	141	-34
Rosemount	74	39	56.6	-1.7	.21	-.71	.79	1.18	143	-40
Winona	74	41	56.5	-4.7	.21	-.63	-.26	-.77	137	-86

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the Minnesota Agricultural Statistics Service, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

PERIODICALS
POSTAGE PAID

USDA, NASS, Minnesota Field Office
PO Box 7068, ST. PAUL MN 55107
WEEKLY NEWS REPORT
Minnesota Crop-Weather Report
Publication No. 387190
Address Service Requested